

Vincenzo Stornelli

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

167
papers

1,861
citations

25
h-index

33
g-index

197
ext. papers

2,392
ext. citations

2.5
avg, IF

5.31
L-index

#	Paper	IF	Citations
167	Time Continuous VCII-Based Fully Analog Interface for Differential Capacitive Sensors. <i>Lecture Notes in Electrical Engineering</i> , 2023 , 369-374	0.2	
166	New Resistor-Less Electronically Controllable β C Simulator Employing VCII, DVCC, and a Grounded Capacitor. <i>Electronics (Switzerland)</i> , 2022 , 11, 286	2.6	1
165	Realization of an Electronically Tunable Resistor-Less Floating Inductance Simulator Using VCII. <i>Electronics (Switzerland)</i> , 2022 , 11, 312	2.6	1
164	Low power class-AB VCII with extended dynamic range. <i>AEU - International Journal of Electronics and Communications</i> , 2022 , 146, 154120	2.8	1
163	A New Realization of Electronically Tunable Multiple-Input Single-Voltage Output Second-Order LP/BP Filter Using VCII. <i>Electronics (Switzerland)</i> , 2022 , 11, 646	2.6	2
162	A New Fully Closed-Loop, High-Precision, Class-AB CCII for Differential Capacitive Sensor Interfaces. <i>Electronics (Switzerland)</i> , 2022 , 11, 903	2.6	
161	On the use of field programmable gate arrays in light detection and ranging systems.. <i>Review of Scientific Instruments</i> , 2021 , 92, 121501	1.7	2
160	IoT-Ready Energy-Autonomous Parking Sensor Device. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 4830-4840	0.7	6
159	Electronically Tunable First Order AP/LP and LP/HP Filter Topologies Using Electronically Controllable Second Generation Voltage Conveyor (CVCII). <i>Electronics (Switzerland)</i> , 2021 , 10, 822	2.6	2
158	Sensorial Multifunctional Panels for Smart Factory Applications. <i>Electronics (Switzerland)</i> , 2021 , 10, 1495	2.6	2
157	A New VCII Application: Sinusoidal Oscillators. <i>Journal of Low Power Electronics and Applications</i> , 2021 , 11, 30	1.7	4
156	A New Extremely Low Power Temperature Insensitive Electronically Tunable VCII-Based Grounded Capacitance Multiplier. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 68, 72-76	3.5	12
155	A Novel Actuating Sensing Bone Conduction-Based System for Active Hand Pose Sensing and Material Densities Evaluation Through Hand Touch. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021 , 70, 1-7	5.2	2
154	A New Simulated Inductor with Reduced Series Resistor Using a Single VCII β . <i>Electronics (Switzerland)</i> , 2021 , 10, 1693	2.6	3
153	A new VCII based grounded positive/negative capacitance multiplier. <i>AEU - International Journal of Electronics and Communications</i> , 2021 , 137, 153793	2.8	5
152	Towards Realization of a Low-Voltage Class-AB VCII with High Current Drive Capability. <i>Electronics (Switzerland)</i> , 2021 , 10, 2303	2.6	2
151	An Autonomous Low-Power LoRa-Based Flood-Monitoring System. <i>Journal of Low Power Electronics and Applications</i> , 2020 , 10, 15	1.7	13

150	RF Active Inductors Small-Signal Design by Means of Conformal Transformations. <i>IEEE Access</i> , 2020 , 8, 50390-50398	3.5	2
149	A second-generation voltage conveyor (VCII)Based simulated grounded inductor. <i>International Journal of Circuit Theory and Applications</i> , 2020 , 48, 1180-1193	2	19
148	On Field Infrared Thermography Sensing for PV System Efficiency Assessment: Results and Comparison with Electrical Models. <i>Sensors</i> , 2020 , 20,	3.8	7
147	Low-power class-AB 4th-order low-pass filter based on current conveyors with dynamic mismatch compensation of biasing errors. <i>International Journal of Circuit Theory and Applications</i> , 2020 , 48, 472-484	2	1
146	Full-Analog Parasitic Capacitance Compensation for AC-Excited Differential Sensors. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2020 , 69, 5890-5899	5.2	6
145	A Novel General Purpose Combined DFVF/VCII Based Biomedical Amplifier. <i>Electronics (Switzerland)</i> , 2020 , 9, 331	2.6	2
144	A new versatile full wave rectifier using voltage conveyors. <i>AEU - International Journal of Electronics and Communications</i> , 2020 , 122, 153267	2.8	11
143	New mixed-mode second-generation voltage conveyor based first-order all-pass filter. <i>IET Circuits, Devices and Systems</i> , 2020 , 14, 901-907	1.1	8
142	Noise analysis and optimization of VCII-based SiPM interface circuit. <i>Analog Integrated Circuits and Signal Processing</i> , 2020 , 109, 1	1.2	2
141	Low-Current Design of GaAs Active Inductor for Active Filters Applications. <i>Electronics (Switzerland)</i> , 2020 , 9, 1232	2.6	1
140	Structural Health Monitoring: An IoT Sensor System for Structural Damage Indicator Evaluation. <i>Sensors</i> , 2020 , 20,	3.8	16
139	A New High Drive Class-AB FVF-Based Second Generation Voltage Conveyor. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2020 , 67, 405-409	3.5	17
138	Silicon Photomultiplier Sensor Interface Based on a Discrete Second Generation Voltage Conveyor. <i>Sensors</i> , 2020 , 20,	3.8	1
137	A 3D Printable Apparatus for the Industrial Programming of NFC/RFID TAGs 2019 ,		1
136	FDM 3D Printing of high performance composite materials 2019 ,		1
135	Flexible Piezoelectric Harvester for Human Fingers: Measurements and Applications 2019 ,		1
134	Integrated Measuring and Control System for Thermal Analysis of Buildings Components in Hot Box Experiments. <i>Energies</i> , 2019 , 12, 2053	3.1	8
133	A low-cost energy-harvesting sensory headwear useful for tetraplegic people to drive home automation. <i>AEU - International Journal of Electronics and Communications</i> , 2019 , 107, 9-14	2.8	11

132	Electronic System for Structural and Environmental Building Monitoring. <i>Lecture Notes in Electrical Engineering</i> , 2019 , 481-488	0.2	9
131	Traditional Op-Amp and new VCII: A comparison on analog circuits applications. <i>AEU - International Journal of Electronics and Communications</i> , 2019 , 110, 152845	2.8	12
130	A VCII-Based Stray Insensitive Analog Interface for Differential Capacitance Sensors. <i>Sensors</i> , 2019 , 19,	3.8	14
129	A New Low-Voltage Low-Power Dual-Mode VCII-Based SIMO Universal Filter. <i>Electronics (Switzerland)</i> , 2019 , 8, 765	2.6	18
128	Environmental and economic benefits of optimal insulation thickness: A life-cycle cost analysis. <i>Renewable and Sustainable Energy Reviews</i> , 2019 , 116, 109441	16.2	22
127	A New Simplified Five-Parameter Estimation Method for Single-Diode Model of Photovoltaic Panels. <i>Energies</i> , 2019 , 12, 4271	3.1	21
126	A New Rail-to-Rail Second Generation Voltage Conveyor. <i>Electronics (Switzerland)</i> , 2019 , 8, 1292	2.6	7
125	An Overview on the Second Generation Voltage Conveyor: Features, Design and Applications. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2019 , 66, 547-551	3.5	30
124	CMIA for Biomedical and Low-Voltage Low-Power Applications. <i>Analog Circuits and Signal Processing Series</i> , 2019 , 137-155	0.2	
123	CMIA for Sensor Applications. <i>Analog Circuits and Signal Processing Series</i> , 2019 , 157-169	0.2	
122	Current-Mode Instrumentation Amplifiers. <i>Analog Circuits and Signal Processing Series</i> , 2019 ,	0.2	2
121	A low-voltage low-power instrumentation amplifier based on supply current sensing technique. <i>AEU - International Journal of Electronics and Communications</i> , 2018 , 91, 125-131	2.8	8
120	. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2018 , 67, 885-893	5.2	31
119	. <i>IEEE Sensors Journal</i> , 2018 , 18, 2861-2869	4	10
118	On-chip active filter in GaAs technology for wireless communication systems. <i>Analog Integrated Circuits and Signal Processing</i> , 2018 , 96, 1-7	1.2	4
117	A rail-to-rail constant-gm CCII for Instrumentation Amplifier applications. <i>AEU - International Journal of Electronics and Communications</i> , 2018 , 91, 103-109	2.8	14
116	High dynamic range, low power, tunable, active filter for RF and microwave wireless applications. <i>IET Microwaves, Antennas and Propagation</i> , 2018 , 12, 595-601	1.6	7
115	Analysis and design of a new COA-based current-mode instrumentation amplifier with robust performance against mismatches. <i>AEU - International Journal of Electronics and Communications</i> , 2018 , 89, 105-109	2.8	12

114	Automated Calibration System for RF Configurable Voltage-Controlled Filters. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2018 , 65, 1034-1038	3.5	4
113	Integrable Sensor System for Live Monitoring of Loudspeaker Performances. <i>Lecture Notes in Electrical Engineering</i> , 2018 , 3-7	0.2	
112	Fully analog automatic stray compensation for bridge-based differential capacitive sensor interfaces 2018 ,		1
111	Resonant Directly Coupled Inductors?Capacitors Ladder Network Shows a New, Interesting Property Useful for Application in the Sensor Field, Down to Micrometric Dimensions. <i>Micromachines</i> , 2018 , 9,	3.3	1
110	Gallium arsenide 0.518 GHz antenna front-end with integrated limiter and differential to single ended low-noise amplifier. <i>IET Microwaves, Antennas and Propagation</i> , 2018 , 12, 947-953	1.6	8
109	A low-cost portable spherical directional anemometer for fixed points measurement. <i>Sensors and Actuators A: Physical</i> , 2018 , 280, 543-551	3.9	16
108	A human body powered sensory glove system based on multisource energy harvester 2018 ,		13
107	New Current Mode Wheatstone Bridge Topologies with Intrinsic Linearity 2018 ,		10
106	Voltage-Mode Analog Interfaces for Differential Capacitance Position Transducers. <i>Lecture Notes in Electrical Engineering</i> , 2018 , 388-397	0.2	1
105	CCII-Based Linear Ratiometric Capacitive Sensing by Analog Read-Out Circuits. <i>Lecture Notes in Electrical Engineering</i> , 2018 , 398-405	0.2	1
104	Integrable Autonomous Devices for WSNs. <i>Lecture Notes in Electrical Engineering</i> , 2018 , 406-412	0.2	1
103	A Low Cost Flexible Power Line Communication System. <i>Lecture Notes in Electrical Engineering</i> , 2018 , 413-420	0.2	6
102	An Electrode Impedance Balanced Interface for Biomedical Application. <i>Lecture Notes in Electrical Engineering</i> , 2018 , 289-294	0.2	
101	Wireless Smart Parking Sensor System for Vehicles Detection. <i>Lecture Notes in Electrical Engineering</i> , 2018 , 197-200	0.2	0
100	CCII-Based Voltage Amplifier Optimization for Reduced Relative Gain Error. <i>Circuits, Systems, and Signal Processing</i> , 2018 , 37, 1315-1326	2.2	2
99	Thermal Transmittance Measurements of the Historical Masonries: Some Case Studies. <i>Energies</i> , 2018 , 11, 2987	3.1	14
98	Real-Time Autonomous System for Structural and Environmental Monitoring of Dynamic Events. <i>Electronics (Switzerland)</i> , 2018 , 7, 420	2.6	24
97	A Novel Electronic Interface for Micromachined Si-Based Photomultipliers. <i>Micromachines</i> , 2018 , 9,	3.3	15

96	Solar Photovoltaic Panels Combined with Energy Storage in a Residential Building: An Economic Analysis. <i>Sustainability</i> , 2018 , 10, 3117	3.6	37
95	High performance voltage output filter realizations using second generation voltage conveyor. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2018 , 28, e21534	1.5	35
94	Artificial neural networks approach to active inductor-based filter design. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2018 , 28, e21568	1.5	1
93	A CMOS full-range linear integrated interface for differential capacitive sensor readout. <i>Sensors and Actuators A: Physical</i> , 2018 , 281, 130-140	3.9	17
92	GaAs MMIC tunable active filter 2017 ,		4
91	The AB-CCII, a novel adaptive biasing LV-LP current conveyor architecture. <i>AEU - International Journal of Electronics and Communications</i> , 2017 , 79, 301-306	2.8	7
90	The assessment of wind conditions by means of hot wire sensors and a modified Wheatstone bridge architecture. <i>Sensors and Actuators A: Physical</i> , 2017 , 262, 130-139	3.9	19
89	A standard CMOS bridge-based analog interface for differential capacitive sensors 2017 ,		9
88	Current conveyor-based differential capacitance analog interface for displacement sensing application. <i>AEU - International Journal of Electronics and Communications</i> , 2017 , 81, 83-91	2.8	10
87	A first approach to universal daylight and occupancy control system for any lamps: Simulated case in an academic classroom. <i>Energy and Buildings</i> , 2017 , 152, 24-39	7	28
86	Full range analog Wheatstone bridge-based automatic circuit for differential capacitance sensor evaluation. <i>International Journal of Circuit Theory and Applications</i> , 2017 , 45, 2149-2156	2	22
85	Bandpass filter design with active inductor by means of wave digital approach 2017 ,		1
84	2017 ,		3
83	Power-efficient dynamic-biased CCII 2017 ,		3
82	Design considerations and effects of class-AB polarization in active filters realized by means of active inductors 2017 ,		1
81	Class-AB current conveyors based on the FVF 2017 ,		4
80	An IC architecture for RF Energy Harvesting systems. <i>Journal of Communications Software and Systems</i> , 2017 , 13, 96	0.8	18
79	A Spherical Directional Anemometer Sensor System. <i>Proceedings (mdpi)</i> , 2017 , 1, 388	0.3	2

78	A Gas Sensor Device for Oxygen and Carbon Dioxide Detection. <i>Proceedings (mdpi)</i> , 2017 , 1, 447	0.3	4
77	Automatic Wireless Monitoring System for Real-Time Rock Fall Events. <i>Proceedings (mdpi)</i> , 2017 , 1, 569	0.3	2
76	Linear Integrated Interface for Automatic Differential Capacitive Sensing. <i>Proceedings (mdpi)</i> , 2017 , 1, 592	0.3	3
75	Digital Multi-Probe Temperature Monitoring System for Long-Term on Field Measurements. <i>Proceedings (mdpi)</i> , 2017 , 1, 596	0.3	2
74	An active and passive antenna pattern comparison 2016 ,		1
73	An assessment on low-voltage low-power integrated single transistor active inductor design for RF filter applications 2016 ,		3
72	Remote sensor networks with efficient energy harvesting architecture 2016 ,		11
71	Dual band harvester architecture for autonomous remote sensors. <i>Sensors and Actuators A: Physical</i> , 2016 , 247, 598-603	3.9	26
70	Reliable and Inexpensive Solar Irradiance Measurement System Design. <i>Procedia Engineering</i> , 2016 , 168, 1767-1770		10
69	Active resonator for low-phase-noise tunable oscillators. <i>Microwave and Optical Technology Letters</i> , 2016 , 58, 1032-1035	1.2	4
68	Low-noise tunable filter design by means of active components. <i>Electronics Letters</i> , 2016 , 52, 86-88	1.1	25
67	Analog current-mode interfaces for differential capacitance sensing 2016 ,		5
66	A Low Cost Fully Integrable in a Standard CMOS Technology Portable System for the Assessment of Wind Conditions. <i>Procedia Engineering</i> , 2016 , 168, 1024-1027		13
65	Automatic Bridge-based Interface for Differential Capacitive Full Sensing. <i>Procedia Engineering</i> , 2016 , 168, 1585-1588		21
64	A low-voltage low-power 0.25 μm integrated single transistor active inductor-based filter. <i>Analog Integrated Circuits and Signal Processing</i> , 2016 , 87, 463-469	1.2	29
63	Energy harvester for remote sensors systems 2016 ,		15
62	Class AB tunable active inductor. <i>Electronics Letters</i> , 2015 , 51, 65-67	1.1	37
61	A standard CMOS technology fully-analog differential capacitance sensor front-end 2015 ,		6

60	A simplified architecture for differential capacitance sensors 2015 ,		2
59	Single transistor high linearity and wide dynamic range active inductor. <i>International Journal of Circuit Theory and Applications</i> , 2015 , 43, 277-285	2	25
58	RF and microwave high-Q floating active inductor design and implementation. <i>International Journal of Circuit Theory and Applications</i> , 2015 , 43, 1095-1104	2	25
57	Smart power management system for home appliances and wellness based on wireless sensors network and mobile technology 2015 ,		9
56	A wideband class-AB tunable active filter 2015 ,		1
55	A single current conveyor-based low voltage low power bootstrap circuit for ElectroCardioGraphy and ElectroEncephaloGraphy acquisition systems. <i>Analog Integrated Circuits and Signal Processing</i> , 2014 , 79, 171-175	1.2	32
54	TUNABLE ACTIVE FILTERS FOR RF AND MICROWAVE APPLICATIONS. <i>Journal of Circuits, Systems and Computers</i> , 2014 , 23, 1450088	0.9	23
53	Low-phase-noise VCO with active resonator 2014 ,		1
52	A GAUSSIAN MONOCYCLE PULSE GENERATOR/MODULATOR FOR UWB RADIOS APPLICATIONS. <i>Journal of Circuits, Systems and Computers</i> , 2014 , 23, 1450060	0.9	2
51	A Compact Architecture for Heartbeat Monitoring. <i>Lecture Notes in Electrical Engineering</i> , 2014 , 301-305	0.2	
50	Radio Frequency Energy Harvester for Remote Sensor Networks. <i>Lecture Notes in Electrical Engineering</i> , 2014 , 331-334	0.2	
49	HIGH QUALITY FACTOR L-BAND ACTIVE INDUCTOR-BASED BAND-PASS FILTERS. <i>Journal of Circuits, Systems and Computers</i> , 2013 , 22, 1350014	0.9	15
48	SBBE drift-diffusion algorithm for FET devices global modeling. <i>Microelectronics Journal</i> , 2013 , 44, 45-49	1.8	0
47	Fully differential DDA-based fifth and seventh order Bessel low pass filters and buffers for DCR radio systems. <i>Analog Integrated Circuits and Signal Processing</i> , 2013 , 75, 305-310	1.2	30
46	A 0.13um double balanced mixer for 3.2-4.8GHz IR-UWB applications 2012 ,		1
45	Third order integrable UHF bandpass filter using active inductors. <i>Microwave and Optical Technology Letters</i> , 2012 , 54, 1426-1429	1.2	20
44	. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2011 , 58, 647-651	3.5	28
43	A CCII-based wide frequency range square waveform generator. <i>International Journal of Circuit Theory and Applications</i> , 2011 , 41, n/a-n/a	2	9

42	A CCII-BASED HIGH IMPEDANCE INPUT STAGE FOR BIOMEDICAL APPLICATIONS. <i>Journal of Circuits, Systems and Computers</i> , 2011 , 20, 1441-1447	0.9	34
41	. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2010 , 59, 1276-1283	5.2	36
40	Physical/electromagnetic analysis of multifinger MOSFETs with SB-SP combined methods. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2010 , 20, 141-147	1.5	3
39	Low-voltage low-power integrated analog lock-in amplifier for gas sensor applications. <i>Sensors and Actuators B: Chemical</i> , 2010 , 144, 400-406	8.5	61
38	A Novel Calibration-Less CCII-Based Resistance-to-Time Front-End for Gas Sensor Interfacing. <i>Lecture Notes in Electrical Engineering</i> , 2010 , 279-284	0.2	
37	A New Fast-Readout Front-End for High Resistive Chemical Sensor Applications. <i>Lecture Notes in Electrical Engineering</i> , 2010 , 273-278	0.2	
36	A Differential Difference Current-Conveyor (DDCCII) Based Front-End for Integrable and Portable Sensor Applications. <i>Lecture Notes in Electrical Engineering</i> , 2010 , 267-271	0.2	
35	A novel LV LP CMOS internal topology of CCII+ and its application in current-mode integrated circuits 2009 ,		4
34	2009 ,		3
33	A CMOS Integrable DDCCII-Based Readout System For Portable Potentiometric Sensors Array 2009 ,		1
32	LOW VOLTAGE LOW POWER FULLY DIFFERENTIAL BUFFER. <i>Journal of Circuits, Systems and Computers</i> , 2009 , 18, 497-502	0.9	32
31	The VCG-CCII: a novel building block and its application to capacitance multiplication. <i>Analog Integrated Circuits and Signal Processing</i> , 2009 , 58, 55-59	1.2	38
30	A single-chip integrated interfacing circuit for wide-range resistive gas sensor arrays. <i>Sensors and Actuators B: Chemical</i> , 2009 , 143, 218-225	8.5	41
29	A novel low-voltage low-power fully differential voltage and current gained CCII for floating impedance simulations. <i>Microelectronics Journal</i> , 2009 , 40, 20-25	1.8	34
28	. <i>IEEE Sensors Journal</i> , 2009 , 9, 2035-2041	4	44
27	A novel general purpose current mode oscillating circuit for the read-out of capacitive sensors 2009 ,		5
26	CMOS PULSE GENERATOR FOR BPSK, OOK, PAM, AND PPM MODULATIONS. <i>Journal of Circuits, Systems and Computers</i> , 2009 , 18, 487-495	0.9	3
25	A Frequency- and Space-Domain Series-Expansion Approach for Efficient Numerical Modeling of Semiconductor Devices. <i>IEEE Transactions on Electron Devices</i> , 2008 , 55, 3525-3531	2.9	3

24	. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2008 , 57, 1596-1604	5.2	40
23	. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2008 , 55, 394-398	3.5	20
22	A New Approach to the Design of High Dynamic Range Tunable Active Inductors 2008 ,		4
21	2008 ,		2
20	NEW LOW-VOLTAGE LOW-POWER CURRENT-MODE RESISTIVE SENSOR INTERFACE WITH R/T CONVERSION AND DC EXCITATION VOLTAGE 2008 ,		1
19	Uncalibrated integrable wide-range single-supply portable interface for resistance and parasitic capacitance determination. <i>Sensors and Actuators B: Chemical</i> , 2008 , 132, 477-484	8.5	24
18	Novel CMOS fully integrable interface for wide-range resistive sensor arrays with parasitic capacitance estimation. <i>Sensors and Actuators B: Chemical</i> , 2008 , 130, 207-215	8.5	26
17	An Integrated Analog Lock-In Amplifier for Low-Voltage Low-Frequency Sensor Interface 2007 ,		11
16	Global Modeling Analysis of HEMTs by the Spectral Balance Technique. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2007 , 55, 1405-1412	4.1	3
15	Electronic interfaces. <i>Sensors and Actuators B: Chemical</i> , 2007 , 121, 295-329	8.5	80
14	A fully-differential Symmetrical OTA-based rail-to-rail Switched Buffer 2007 ,		4
13	An Uncalibrated Wide-Range Single-Supply Integrable Front-End for Resistance and Capacitance Estimation 2007 ,		2
12	Integrated Rail-to-Rail Low-Voltage Low-Power Enhanced DC-Gain Fully Differential Operational Transconductance Amplifier. <i>ETRI Journal</i> , 2007 , 29, 785-793	1.4	26
11	High-Accuracy, High-Precision DEM-CCII Amplifiers 2007 ,		2
10	Low Voltage Integrated Astable Multivibrator Based on a Single CCII 2007 ,		15
9	A rail-to-rail DC-enhanced adaptive biased fully differential OTA 2007 ,		8
8	A New CMOS Integrable Oscillating Circuit for High-Value Wide-Range Resistive Sensors 2007 ,		4
7	NIC-based capacitance multipliers for low-frequency integrated active filter applications 2007 ,		11

6	Frequency-Domain Physics-Based Analysis of semiconductor devices by a Spectral-Balance approach 2006,		1
5	Integrated CMOS interfaces for wide-range resistive gas sensors. <i>Sensors and Actuators B: Chemical</i> , 2006 , 118, 269-275	8.5	8
4	A high precision temperature control system for CMOS integrated wide range resistive gas sensors. <i>Analog Integrated Circuits and Signal Processing</i> , 2006 , 47, 293-301	1.2	6
3	An integrated improved CCII topology for resistive sensor application. <i>Analog Integrated Circuits and Signal Processing</i> , 2006 , 48, 247-250	1.2	28
2	A temperature control system for integrated resistive gas sensor arrays 2005,		3
1	A novel CMOS temperature control system for resistive gas sensor arrays		5